

**IN THE SPECIFICATION**

Please amend paragraphs [0025] and [0026].

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--[0025]            If the second zero space is not found, decision step 76, then the time scale is adjusted and the input signal is sampled again. Step 78. For example, the time scale can be increased by 50 percent. Then, the steps 74 and 76 are repeated. If the adjusted time scale is equal to or greater than a limit (decision step 80), then the input signal is displayed using the scale from the first zero space only. Step 82. That is, the bit period is set as the duration of the first zero space, for X — X Then, the time scale (X—axis) is set at some multiple of the ~~but~~ bit period, for example, 1.5 times the bit period when displaying the input signal.

*Calculate the Bit Period and Display the Input Signal*

*al  
cancel*  
[0026] If the second zero space is found within the sample signal at decision step 76, then bit period is calculated as period X — X Step 90. Then, the time scale (X axis) is set at some multiple of the ~~but~~ bit period, for example, 1.5 times the bit period when displaying the input signal to ensure that a complete period is displayed. Step 92.

*Apparatus and Medium--*

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